

Figure 1

Figure 2

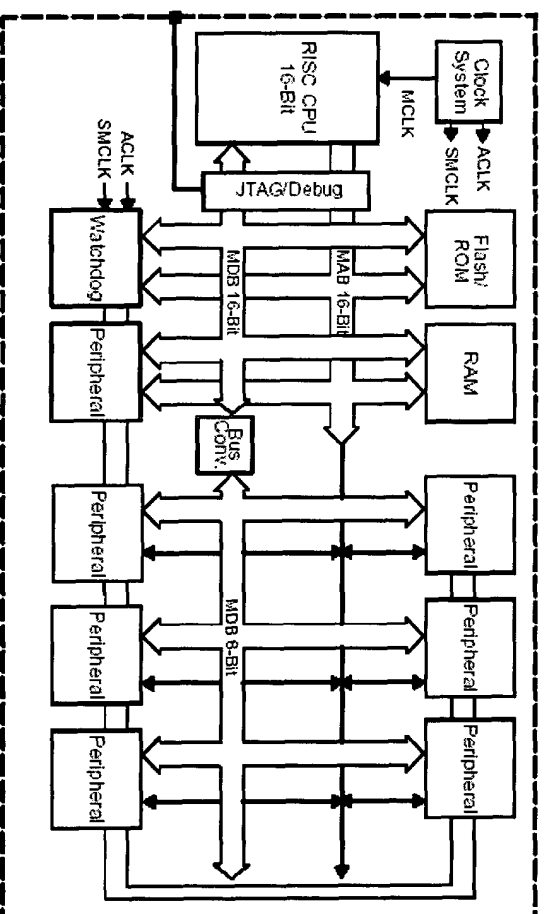


Figure 3

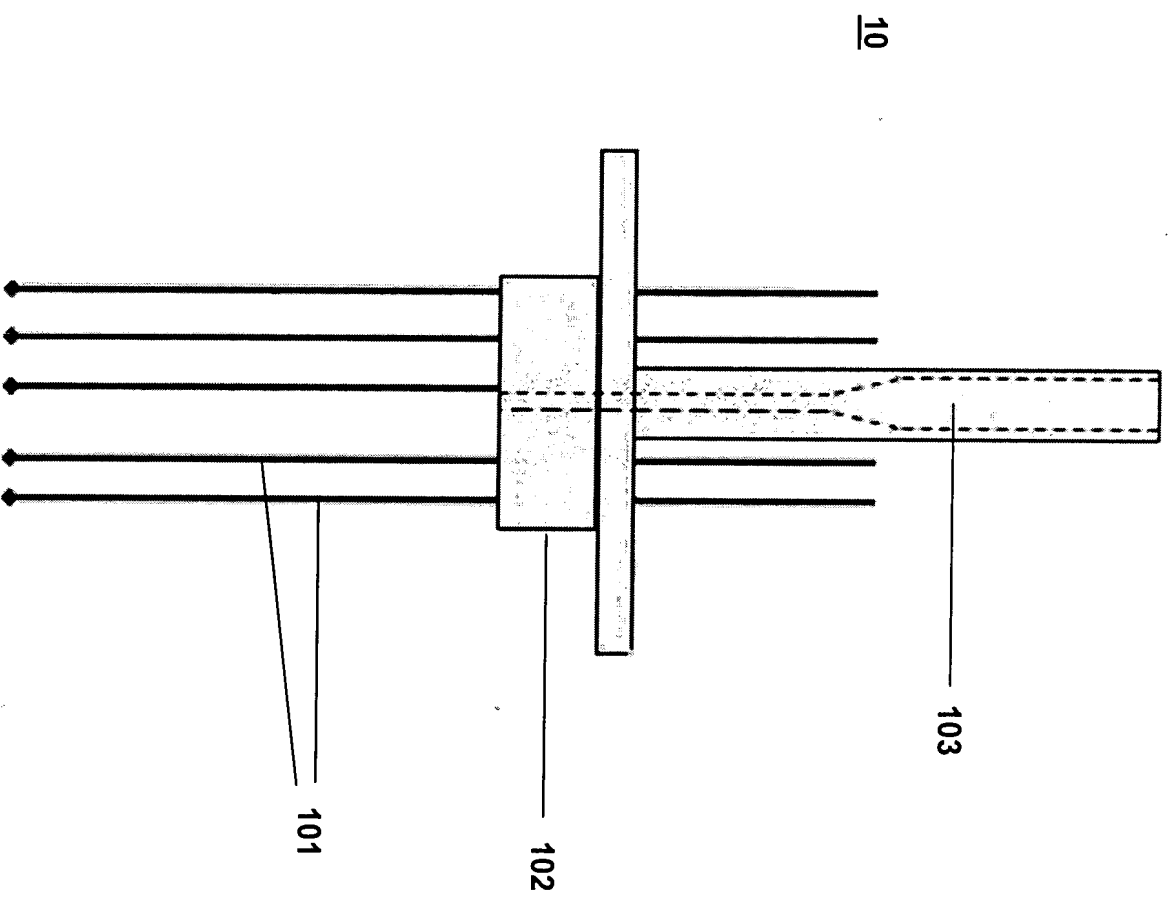


Figure 4

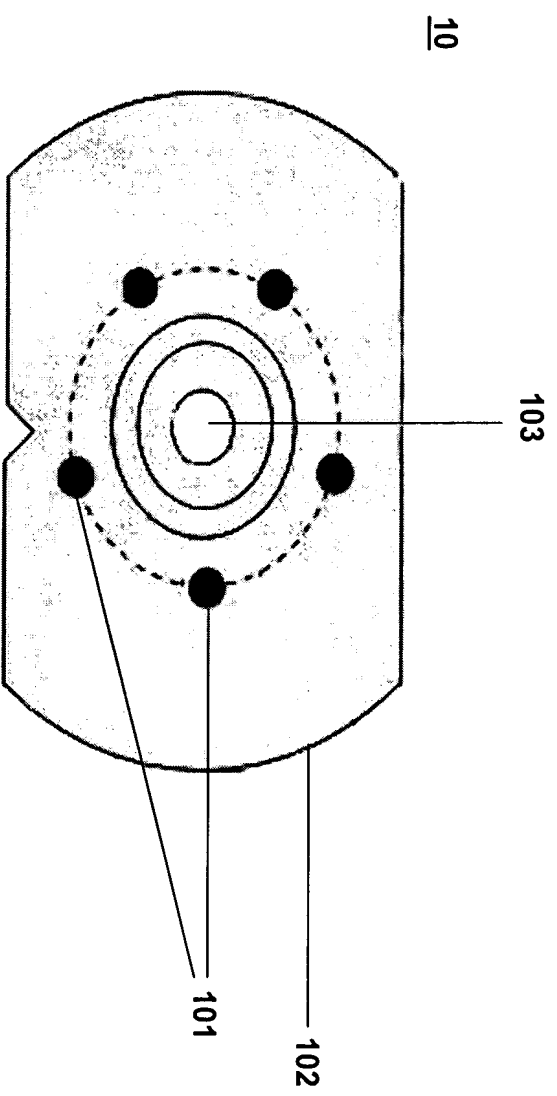


Figure 5

20

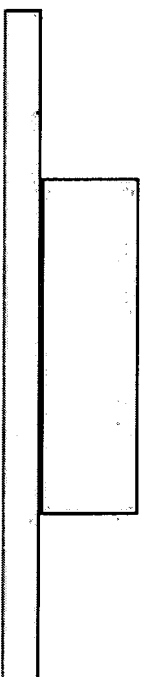


Figure 6

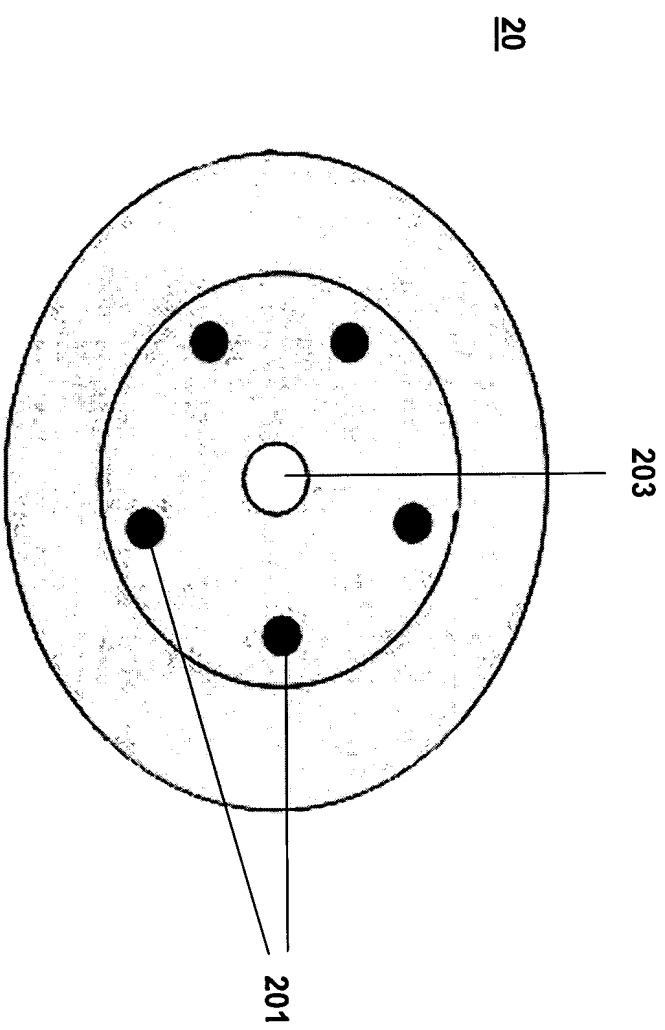
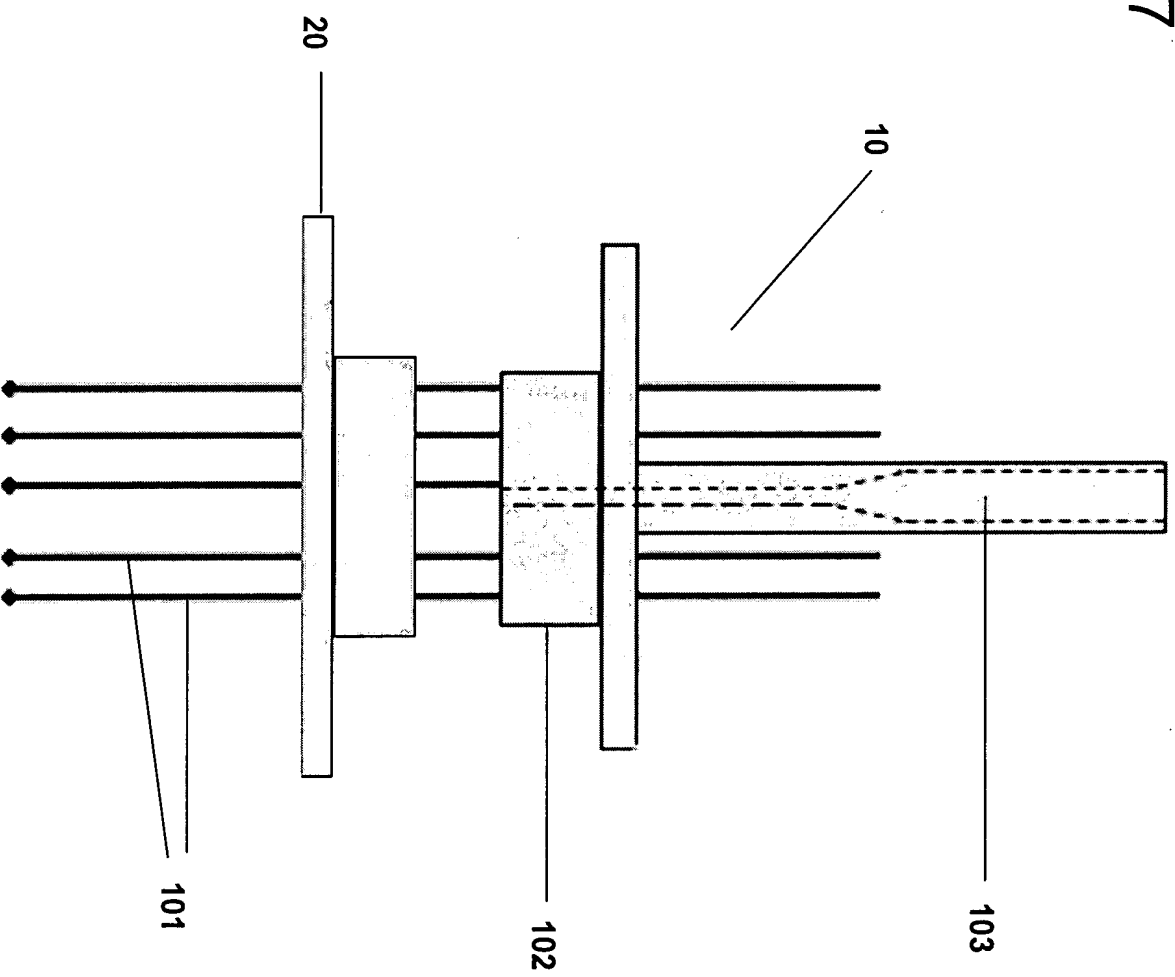


Figure 7



Program 0000

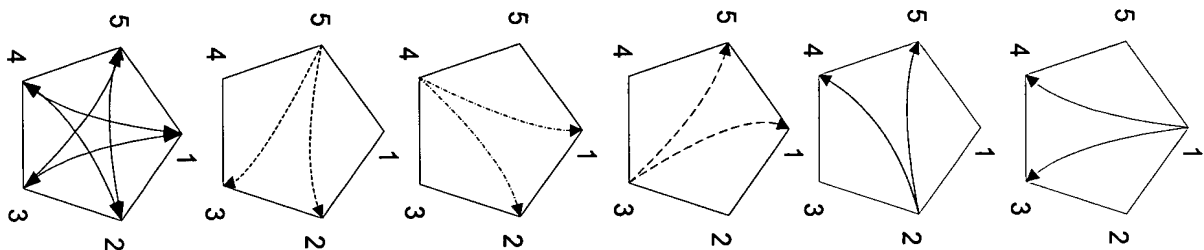


Figure 8

Pulse number

positive

negative

code

1

1

→ 3,4

PONNO

2

2

→ 4,5

OPONN

3

3

→ 5,1

NOPON

4

4

→ 1,2

NNOPO

5

5

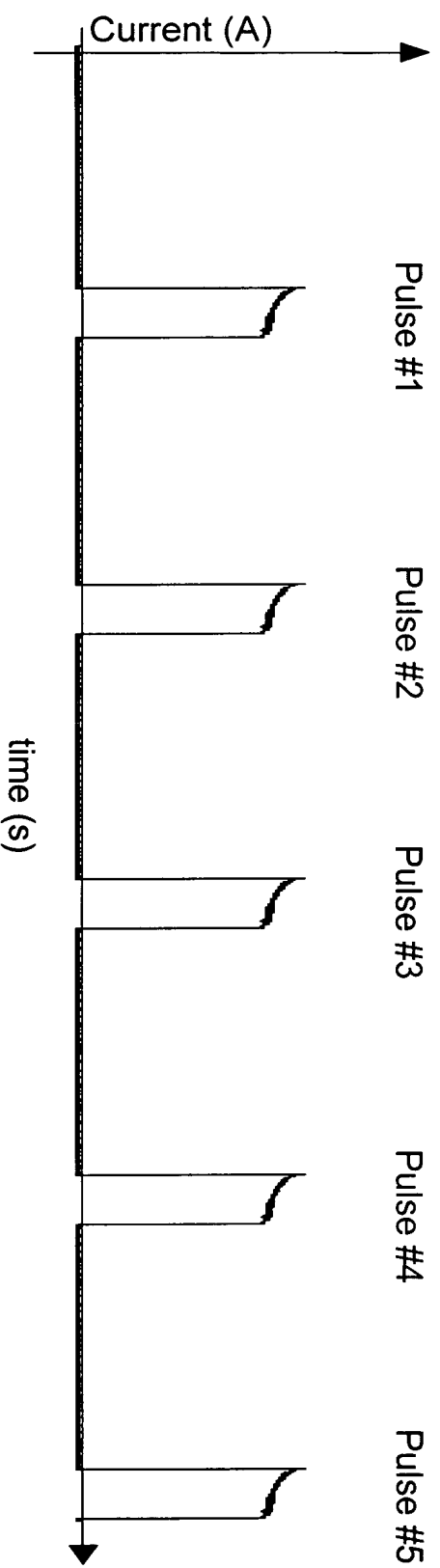
→ 2,3

ONNOP

composite

PONNO-OPONN-NOPON-NNOPO-ONNOP

A **Figure 9**



B

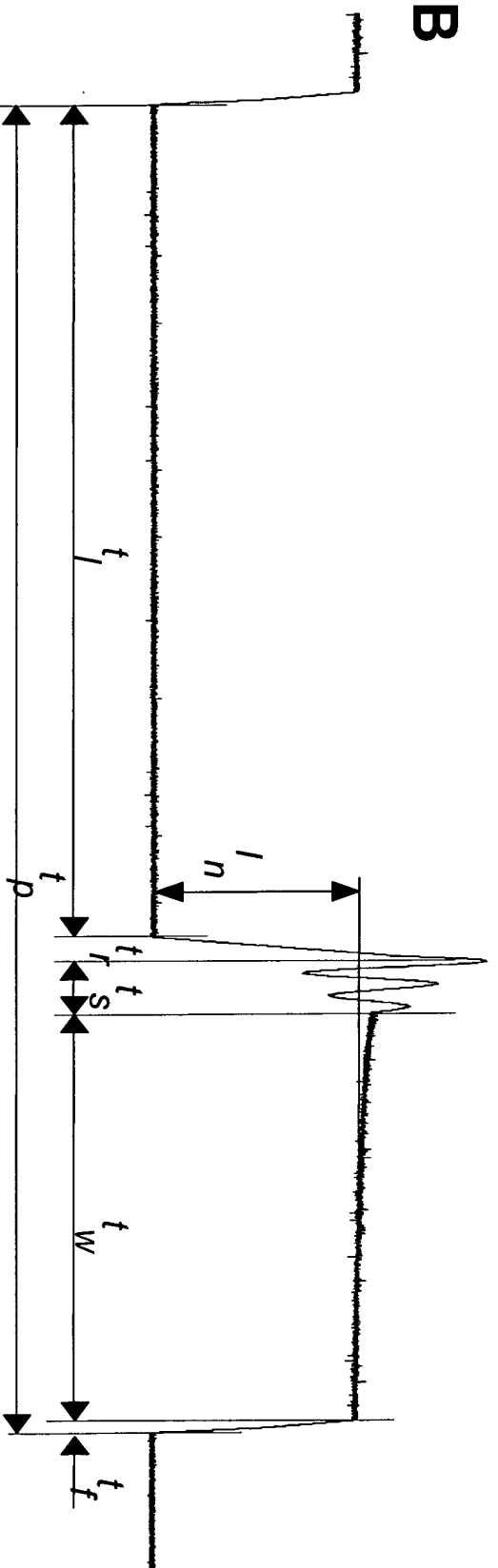
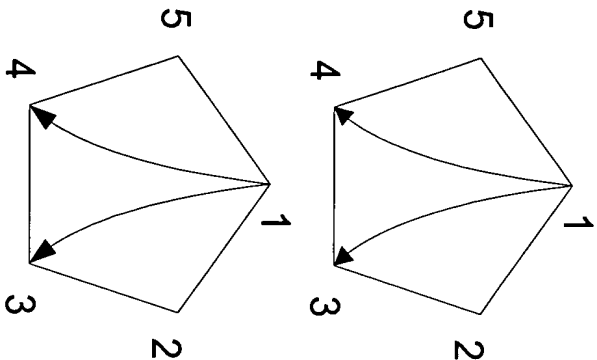


Figure 10

Program 0001



Pulse number	positive	negative	code
1	1	1 —————> 3,4	PONNO
composite			
PONNO			

Figure 11

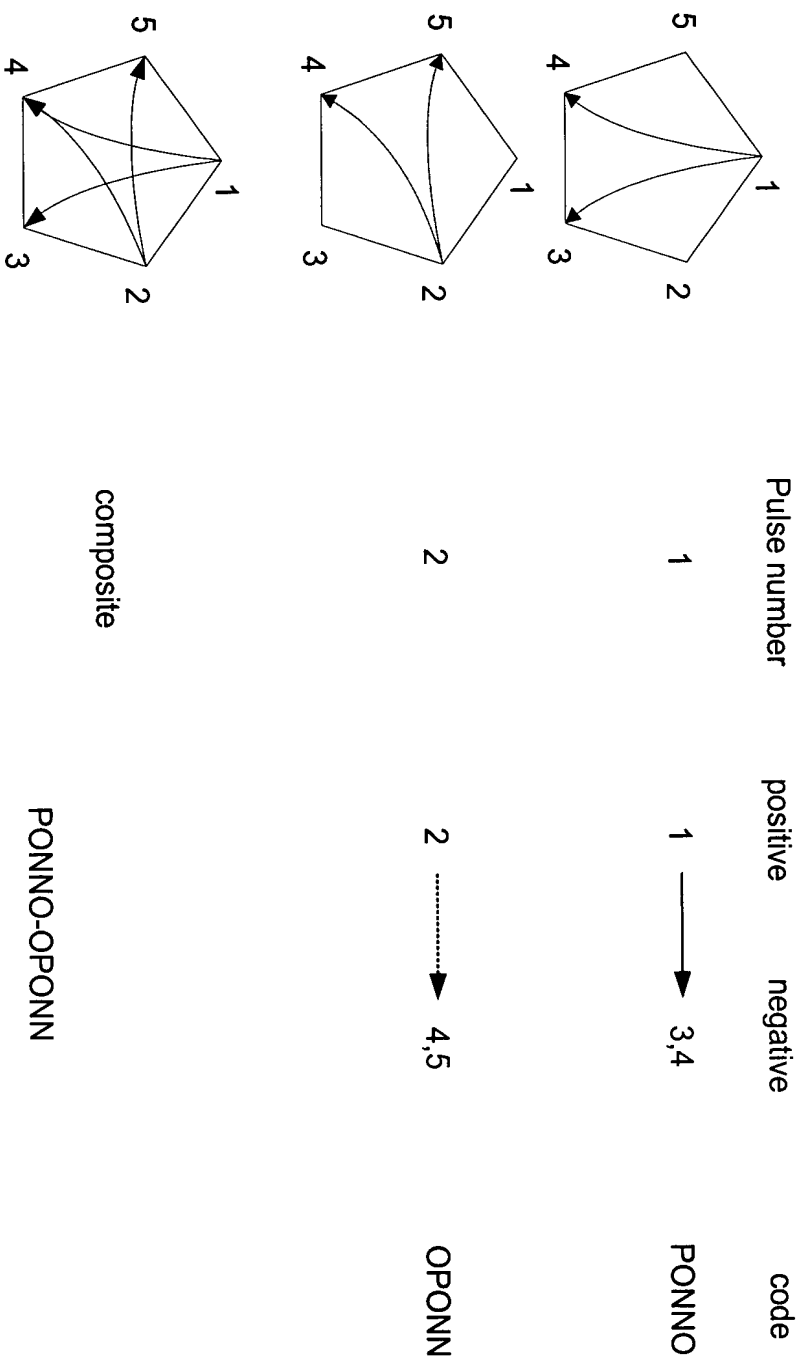
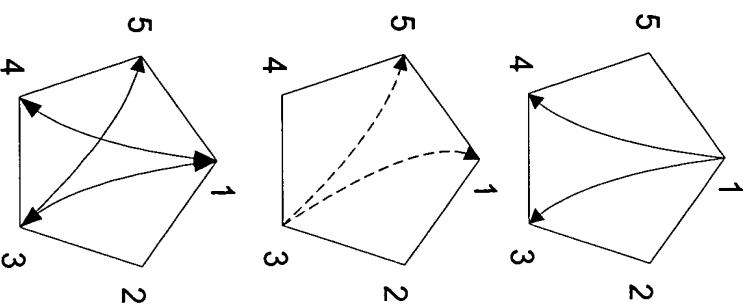


Figure 12

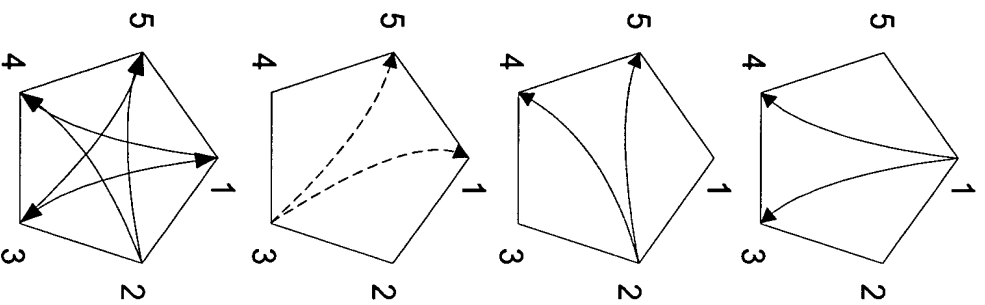
Program 0003



Pulse number	positive	negative	code
1	1 —————→	→ 3,4	PONNO
2	3 — — —→	→ 5,1	NOPON
composite			
PONNO-NOPON			

Figure 13

Program 0004



Pulse number	positive	negative	code
1	1 —————>	3,4 —————>	PONNO
2	2>	4,5 —————>	OPONN
3	3 —————>	5,1 —————>	NOPON
composite			
PONNO-OPONN-NOPON			

Program 0005

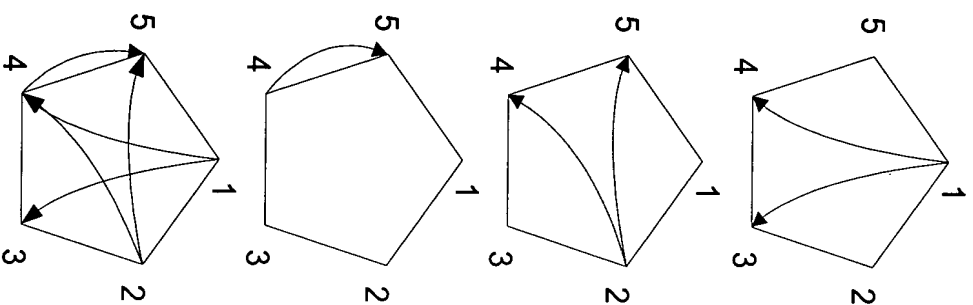


Figure 14

Pulse number	positive	negative	code
1	1 —————>	3,4	PONNO
2	2>	4,5	OPONN
3	4 - - - - ->	5	OOOPN
composite	PONNO-OPONN-OOOPN		

Program 0006

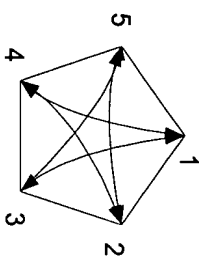
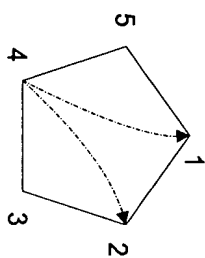
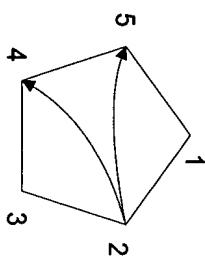
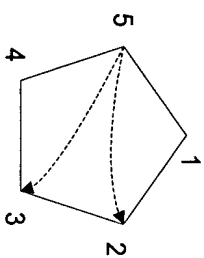
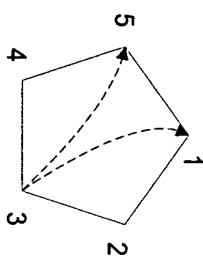
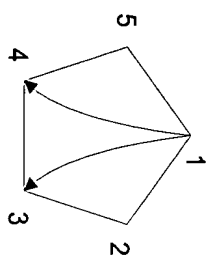


Figure 15

Pulse number positive negative

code

1 1 —————> 3,4 PONNO

2 3 ———> 5,1 NOPON

3 5 -----> 2,3 ONNOP

4 2> 4,5 OPONN

5 4 -.-.-.-> 1,2 NNOPO

composite

PONNO-NOPON-ONNOP-OPONN-NNOPO

Program 007

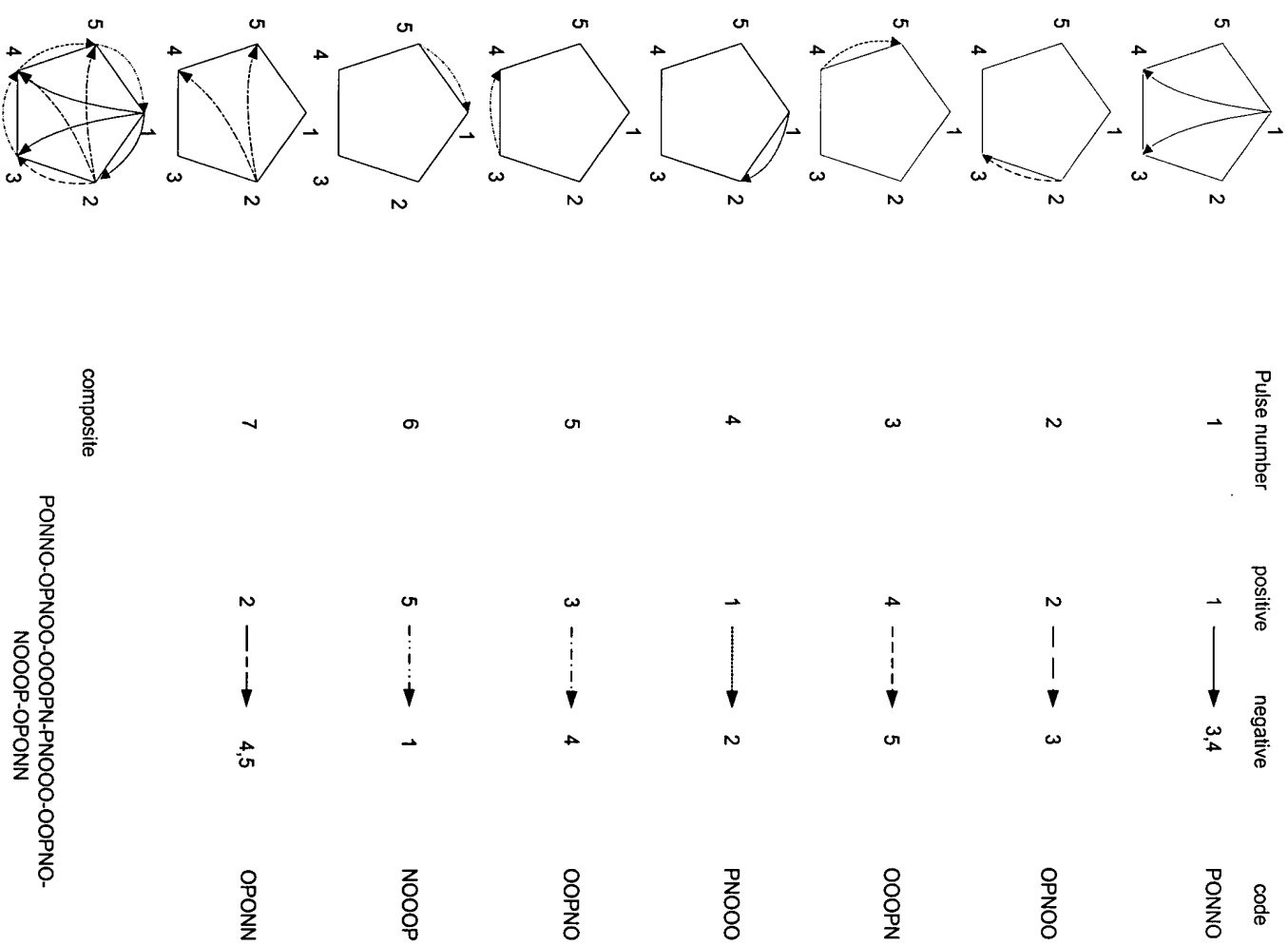


Figure 16

Figure 17

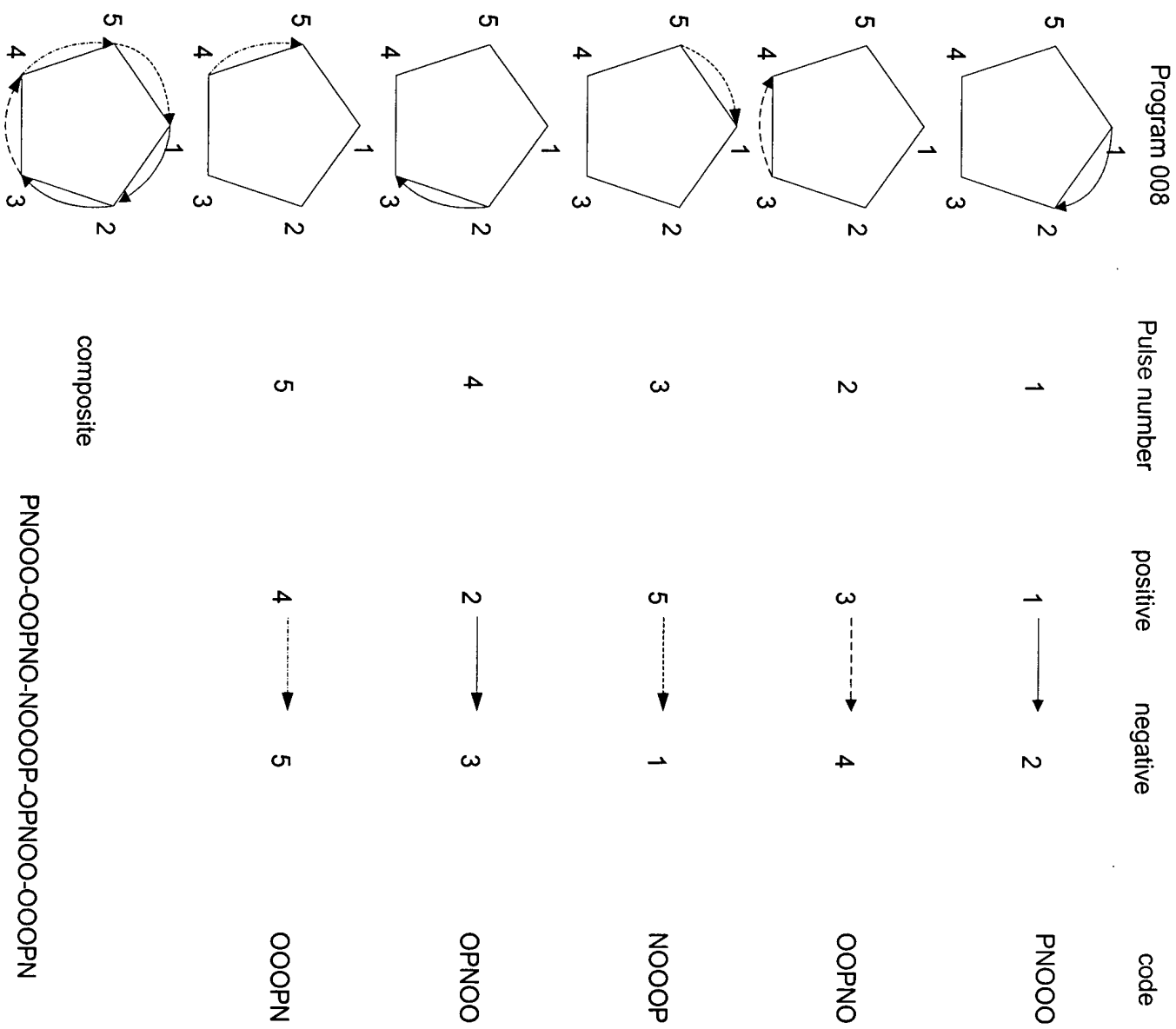
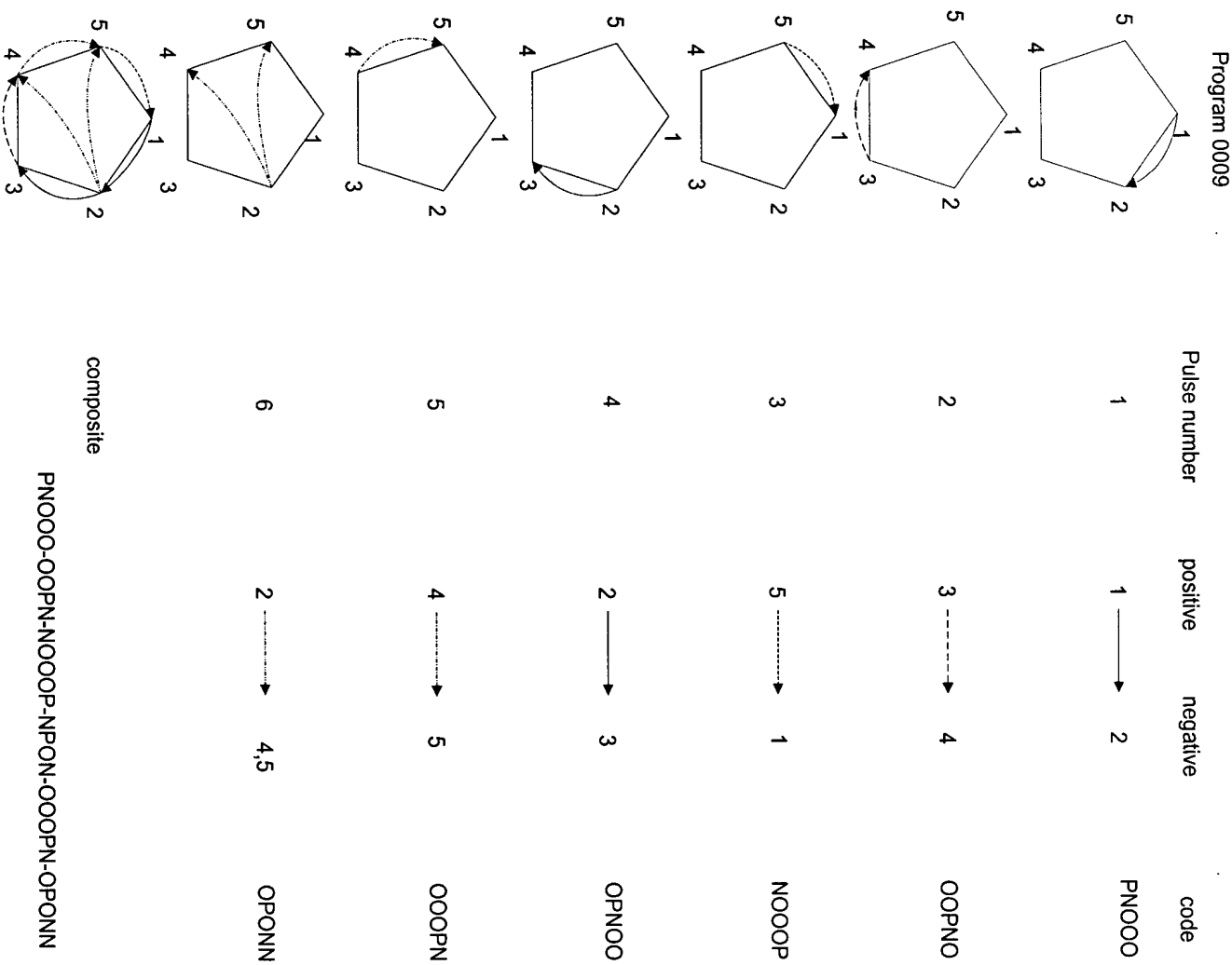


Figure 18



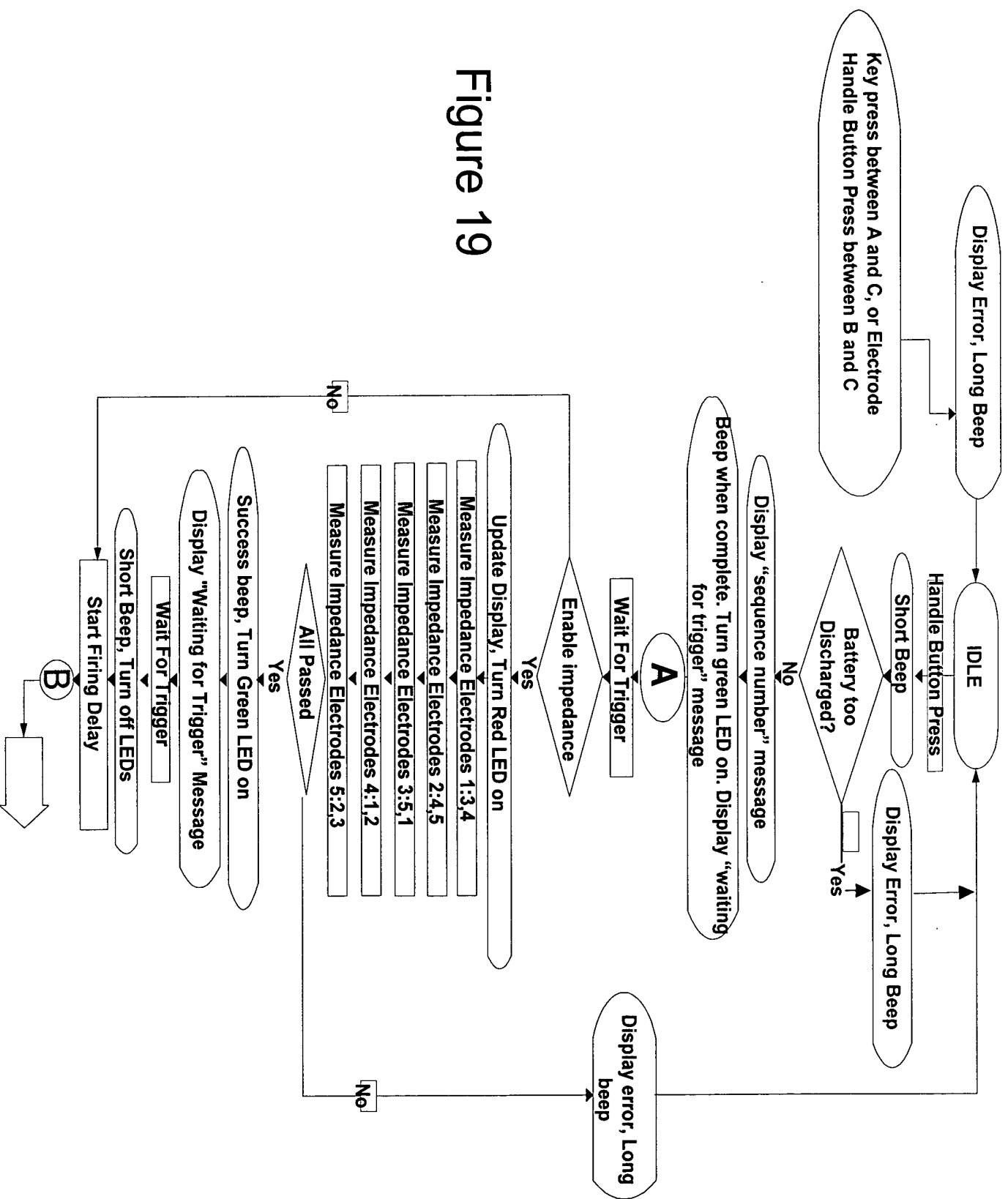


Figure 19

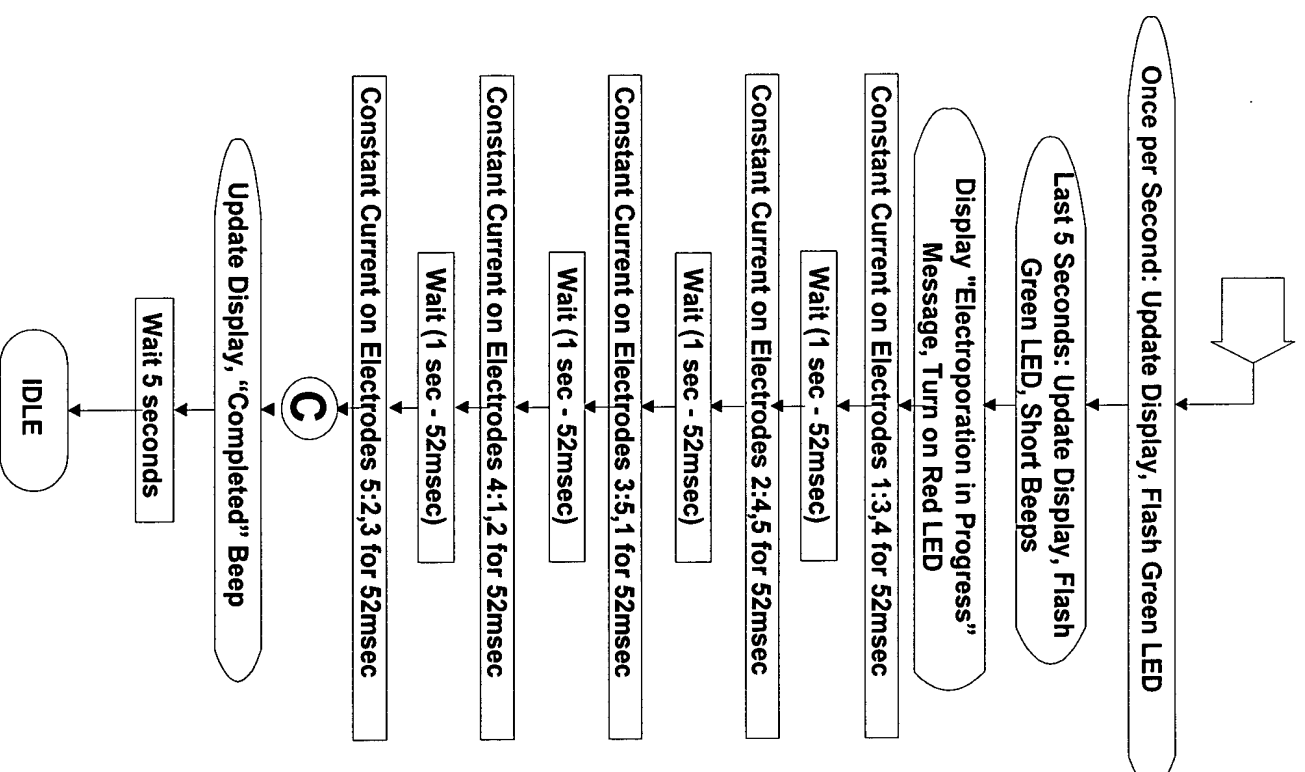


Figure 20

Figure 21

00001138_03_08_13_1

Filename: 6_16_02.csv

Animal					
Number:	1138				
Pulse In					
Sequence:	1	2	3	4	5
Pre-wait (s):	80	1	1	1	1
Pulse Width					
(ms):	52	52	52	52	52
Pulse Current					
(A):	0.5	0.5	0.5	0.5	0.5

Figure 22

Electrode 1:	POS	OFF	NEG	NEG	OFF
Electrode 2:	OFF	POS	OFF	NEG	NEG
Electrode 3:	NEG	OFF	POS	OFF	NEG
Electrode 4:	NEG	NEG	OFF	POS	OFF
Electrode 5:	OFF	NEG	NEG	OFF	POS

Figure 23

Pulse 1		Pulse 2		Pulse 3		Pulse 4		Pulse 5	
Voltage	Current	Voltage	Current	Voltage	Current	Voltage	Current	Voltage	Current
2.34	0	2.3	0	2.34	0	2.3	0	2.34	0
2.39	0	2.34	0	2.39	0	2.34	0	2.34	0
2.3	0.49	68.25	0.51	2.34	0.5	54.47	0.5	62.09	0.5
69.08	0.49	66.73	0.51	55.98	0.5	53.79	0.5	58.28	0.5
69.03	0.5	66.24	0.51	55.5	0.51	53.25	0.51	57.89	0.48
69.61	0.51	66.78	0.5	55.4	0.49	53.49	0.51	57.3	0.5
69.81	0.5	67.12	0.49	55.3	0.51	53.44	0.51	57.3	0.5
70	0.5	67.42	0.51	55.25	0.5	53.54	0.5	57.5	0.5
70.84	0.5	66.93	0.49	54.81	0.52	53.83	0.49	57.89	0.51
71.28	0.48	67.76	0.51	54.96	0.49	54.57	0.49	57.79	0.49

Figure 24

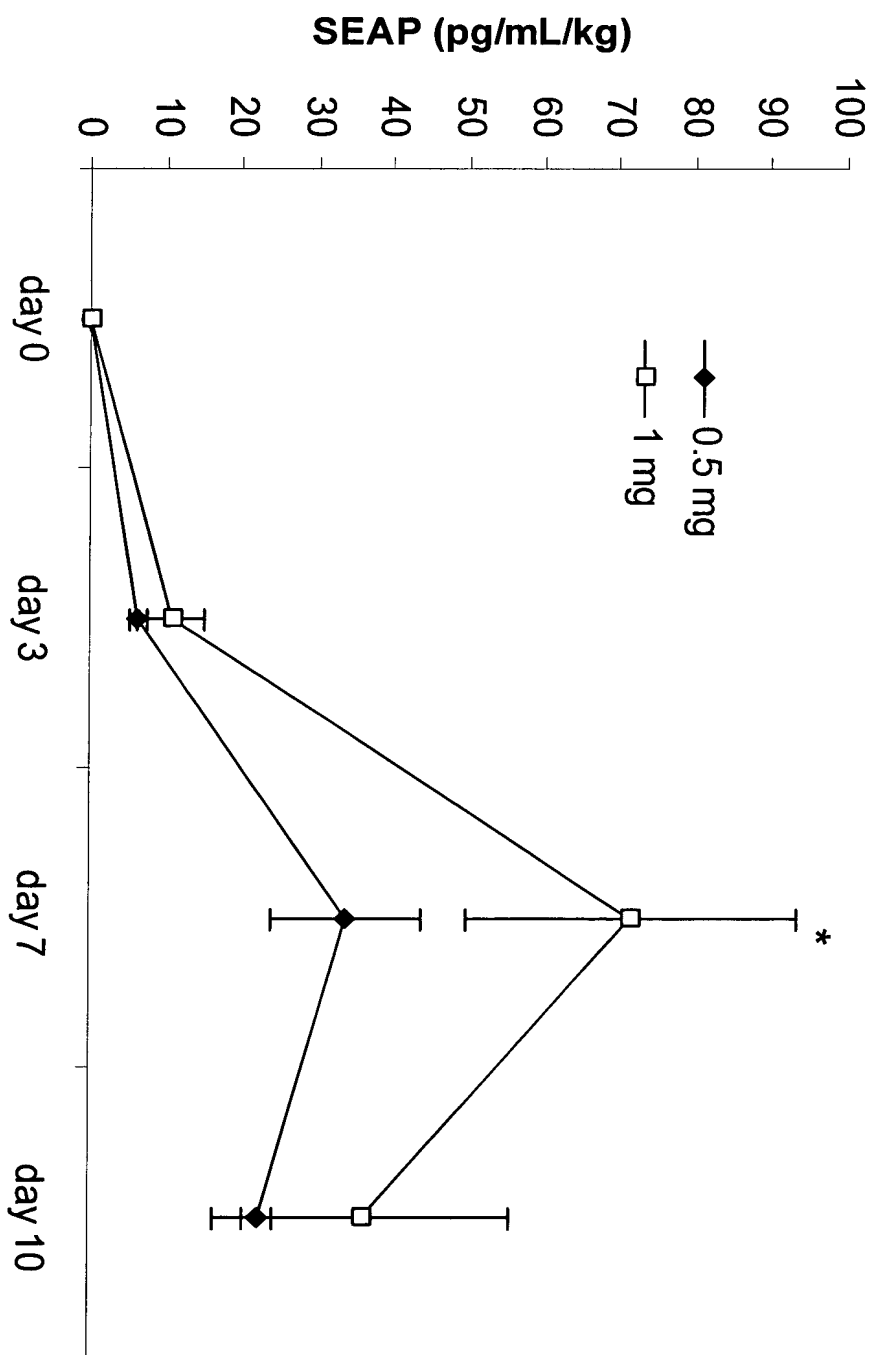


Figure 25

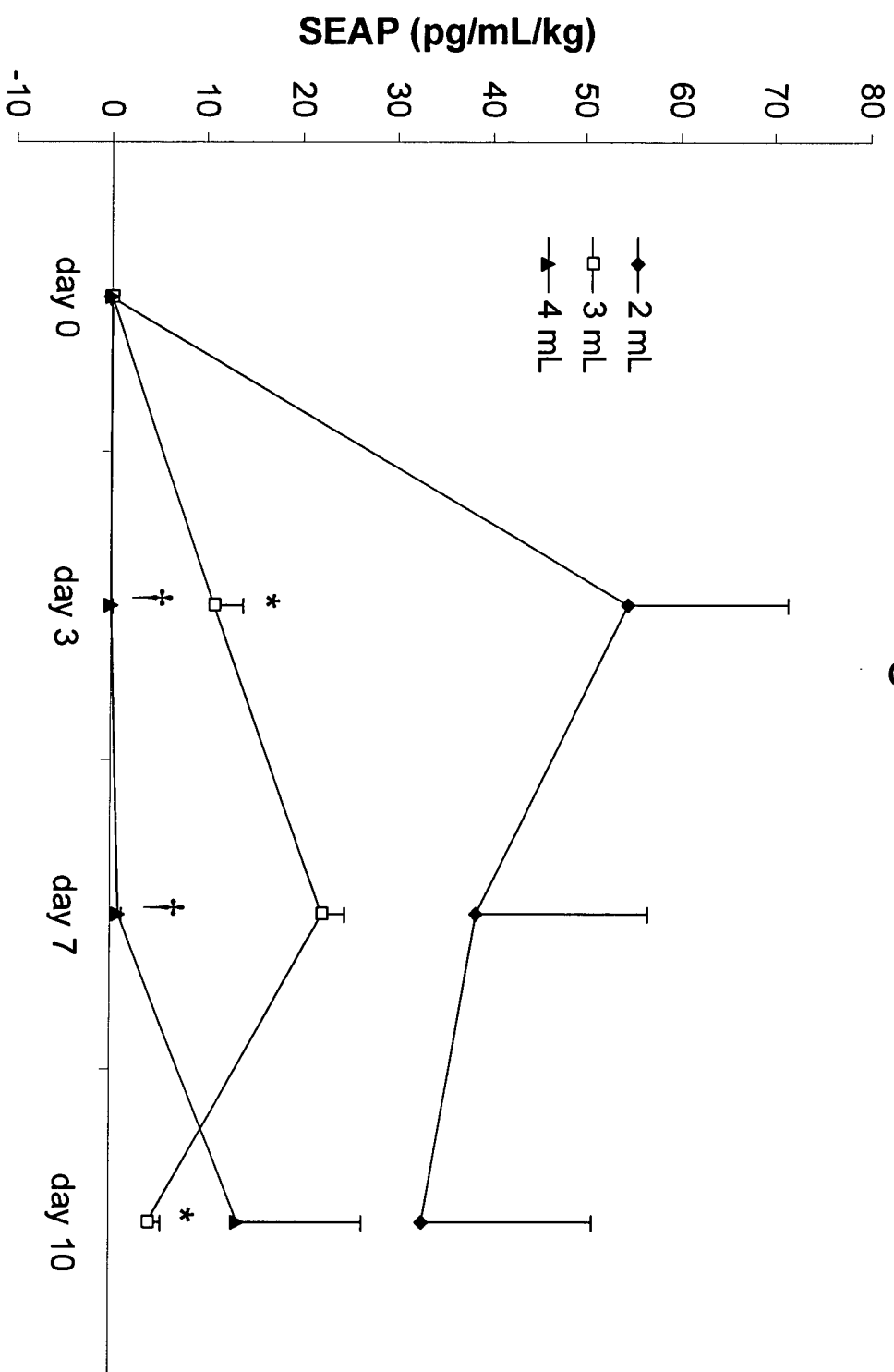


Figure 26

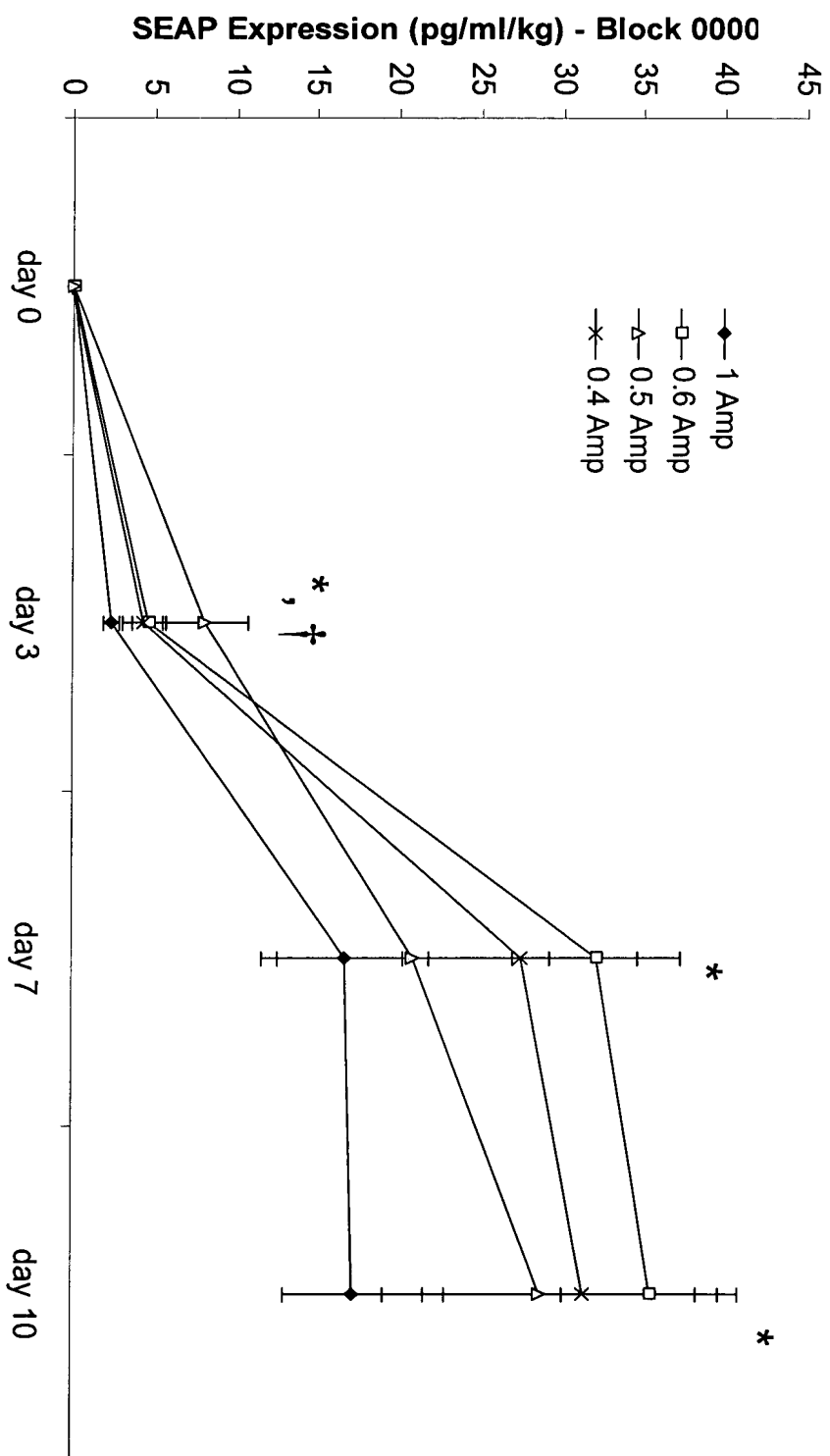


Figure 27

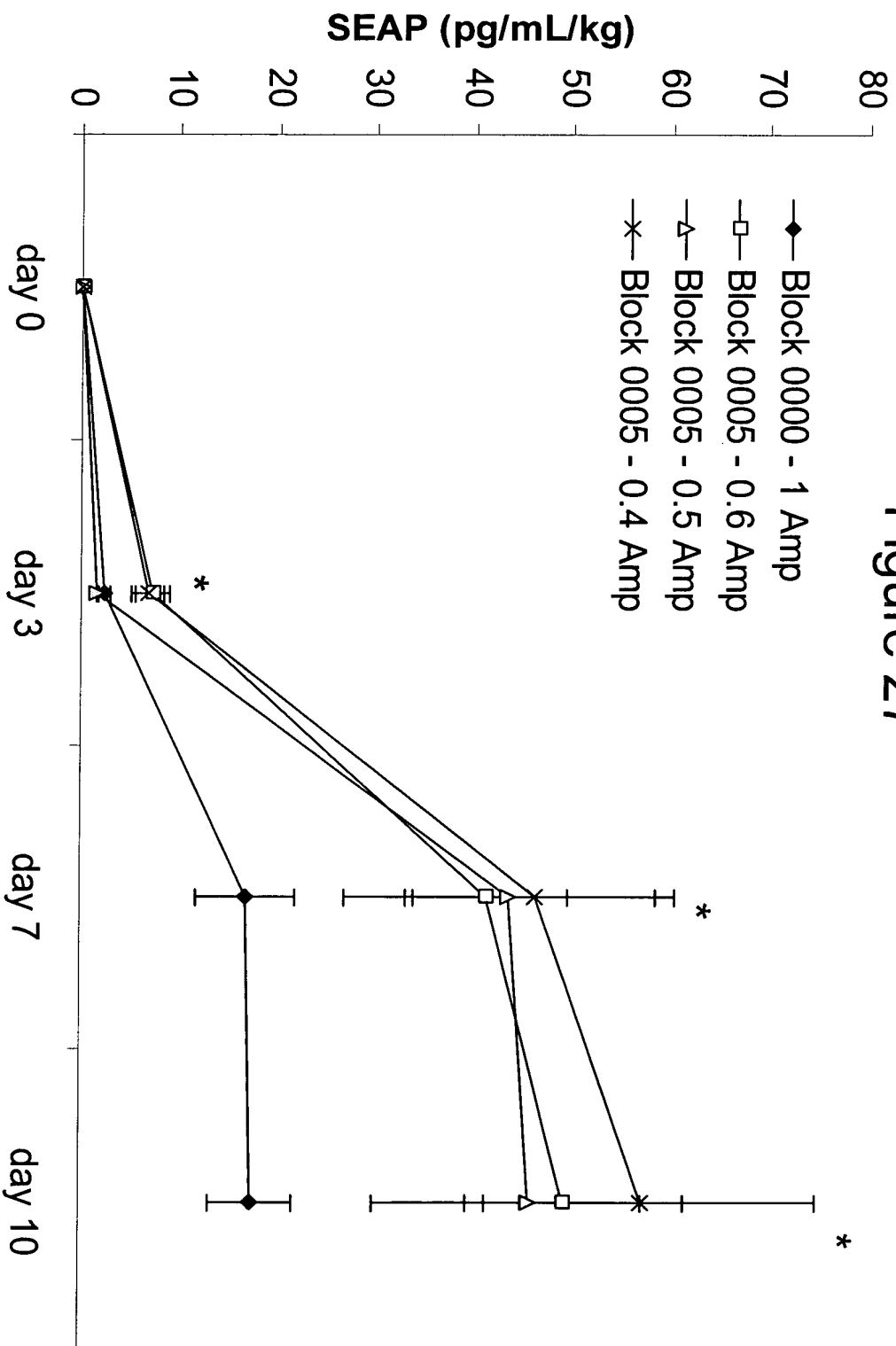


Figure 28

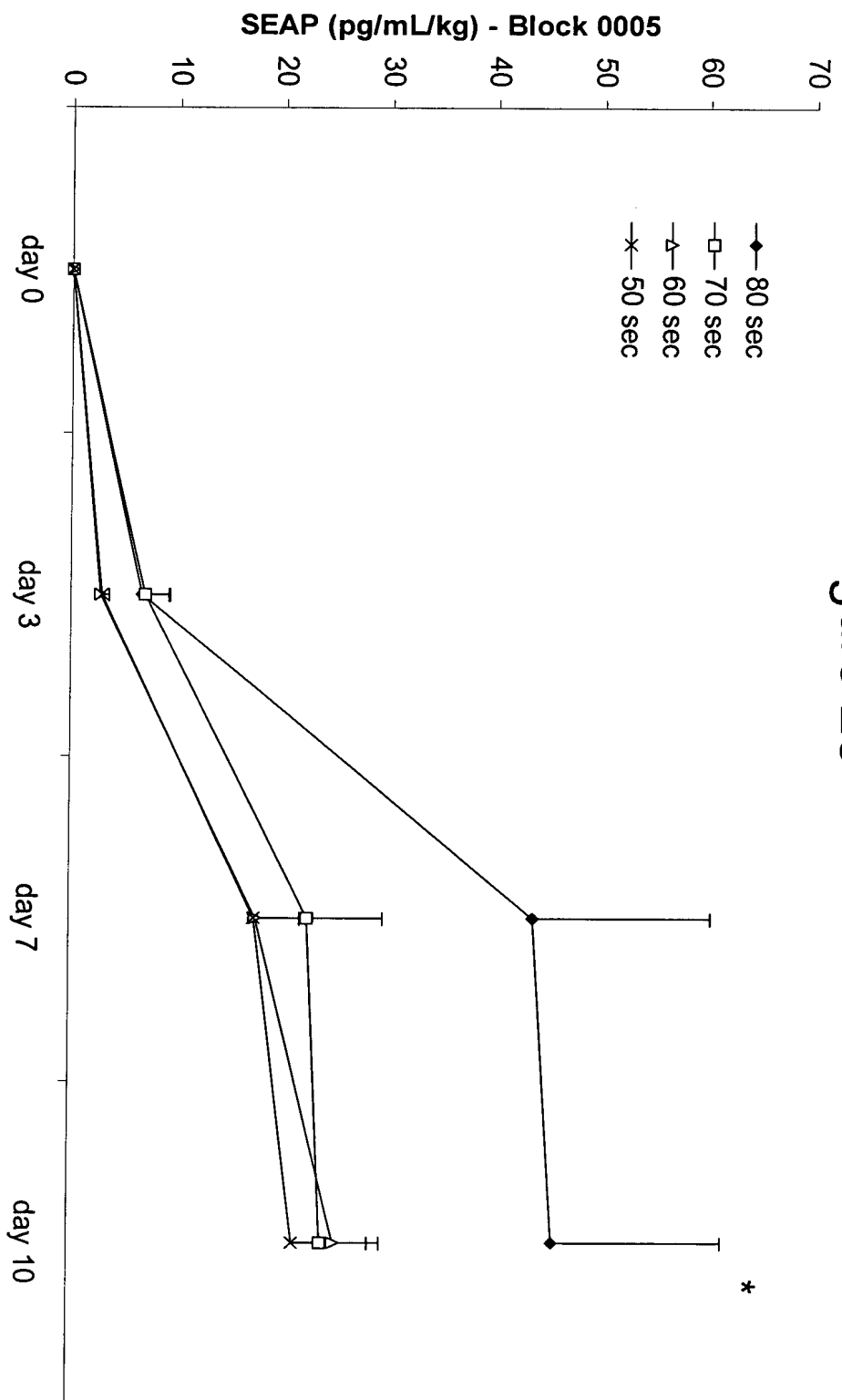


Figure 29

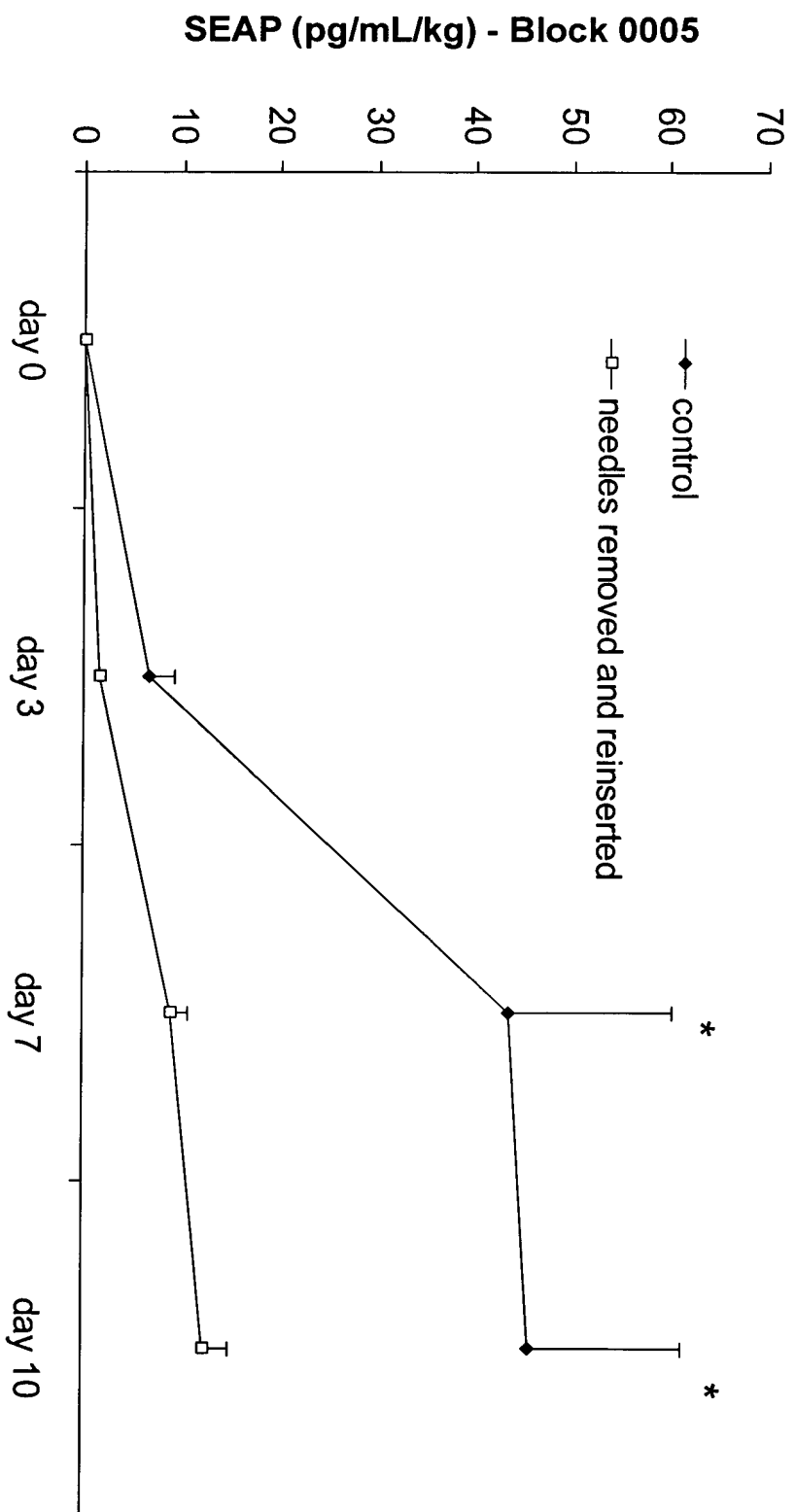


Figure 30

